164504



November 11, 1983

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Commonwealth of Pennsylvania Department of Evnironmental Resources 1875 New Hope Street Norristown, PA 19401

ATTENTION: Mr. Walter Stanley

Chief of Operations Section

RE: Industrial Waste NFDES Permit No. PA0050679 NVF Company, Kennett Square, PA Chester County

Dear Mr. Stanley:

In accordance with our telephone conversation of yesterday, you will find a complete analysis report of water samples taken at various discharge locations at our Kennett Square facility. Sample report prepared by Edward E. Richardson Associates, Inc. with analysis for each of the sample points as specifically designated on our NVF Company Drawing No. P-2548 dated 1/6/82 is enclosed.

When you and/or your staff have had time to analyze this information, we will be available to meet with you anytime at your convenience.

Sincerely

William Witt, P.E.

Director of Engineering

WW.cmr Enc.

bcc: E.McDermott

S. Kovach

R.Davis

SAMPLE LOCATIONS OF DISCHARGE WATER ANALYSIS REPORT

SAMPLE 1	Discharge at Northeast end of dention area
SAMPLE 2	Discharge at Northwest of dention area
SAMPLE 3	Discharge at 001 before the railroad tracks
SAMPLE 4	Discharge at 001 on the other side of railroad tracks
SAMPLE 5	Discharge at old outlet West of Building F-11
SAMPLE 6	No. 2 well water taken at Filamite band saw
SAMPLE 7	No. 1 well water taken at air compressors
SAMPLE 8	City water taken from sink at Boiler Room
SAMPLE 9	Taken from manhole Northeast of Building F-7
SAMPLE 10	Cooling tower water at hydrotherm

A TETRA TECH COMPANY

P.O. BOX 935 • DOVER, DELAWARE 19901 • PHONE: (302) 697-2183

NVT Company P.O. Box 160 Kennett Square, PA 19348

Attn: Mr. Ed McDermot

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RECEIVED	_9/14/83 _	<u> </u>
AMPLED	9/14/83_	·
AMPLED BY	_	

LABORATORY ANALYSIS REPORT

SAMPLE NO.	SAMPLE DESCRIPTION
_AS033	Sample 1 - Grab at 1125 hours
AS034	_Sample_2 - Grab_at 1133 hours
AS035	Sample 3 - Grab at 1143 hours
AS036	Sample 4 - Grab at 1145 hours
AS037	Sample 5 - Grab at 1203 hours
AS038!	Sample 6 - Grab at 1216 hours

	RESULTS OF ANALYSES	AS033	AS034	AS035_	AS036	AS037	AS_031
-	, ug/1 (ppb)	0.40	45034 C0-04	K0 04	A3038 0.17		<u> </u>
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SUPERVISING ANALYST:

Allan 7. Thomas

AR100775

ANALYSES CERTIFIED BY:

1. John Sassa

A TETRA TECH COMPANY

P.O. BOX 935 • DOVER, DELAWARE 19901 • PHONE: (302) 697-2183 DA MILE WEST OF U.S. RT. 113 ON DEL. RT. 101

NVF Company P.O. Box 160 Kennett Square, PA 19348

Attn: Mr. Ed McDermot

CÚMINI. NO.	6218-1
	9/14/83
	<u>9/14/83 · </u>
	R.K.W. of EHRA

LABORATORY ANALYSIS REPORT

SAMPLE NO.	SAMPLE DESCRIPTION
A\$039	Sample 7 - Grab at 1226 bours
AS040	Sample 8 - Grab at 1228 hours
AS041	Sample 9 - Grab at 1255 hours
AS042	Sample 10 - Grab at 1306 hours
AS043	Trip Blank - on 9/14/83

AS039	AS040	AS041	AS042	AS043	
<0.04	0.26	<0.04	<1.0*		
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^{*} Other interfering substances which were not removed during florisil clean t did not permit reporting a lower detection limit.

SUPERVISING ANALYST:

fyh 10/3/83

AR100776

ANALYSES CERTIFIED BY:

SAMPLE LOCATIONS OF SEDIMENT ANALYSIS REPORT (PCB'S)

- 1. Discharge at Northeast end of dention area.
- 2. Discharge at Northwest end of dention area.
- Discharge at 001 before R/R tracks.
- 4. Discharge of 001 on the other side of R/R tracks.
- 5. 30 feet from basin, East and 10 feet from parking area.

SAMPLE LOCATION OF DISCHARGE WATER ANALYSIS REPORT (COPPER)

- 6. Discharge at Burnisher.
- 7. Centerless Grinder Pit.
- 8. From Lab Etcher.

EAM/tlp
11/8/83
CC: S. W. Kovach
R. F. Bailey
W: Wftt
J. Griffith

RECEIVED

MOV 1 5 1983

ENGINEERING

P.O. BOX 935 • DOVER, DELAWARE 19901 • PHONE: (302).697-2183 11/2 MILE WEST OF U.S. RT. 113 ON DEL. RT. 10)

RE	TT/	SED	COPY
T.C.	v	35.11	LUET

NVF Company P.O. Box 160 Kennett Square, PA 19348 COMM. NO. _6218-1 RECEIVED ___9/22/83_ SAMPLED __ 9/22/83 SAMPLED BY __R.K.W_ of EHRA-

Attn: Mr. Ed McDermot

LABORATORY ANALYSIS REPORT

AMPLE NO.	SAMPLE DESCRIPTION	
AS162	Sample 1 - Grab at 1113 hours	
_AS163	Sample 2 - Grab at 1122 hours	
AS164	Sample 3 - Grab at 1131 hours	
AS165	Sample 4 - Grab at 1143 hours	
AS166	Sample 5 - Grab at 1208 hours	

RESULTS OF ANALYSES

	AS162	AS163	<u> AS164</u>	AS165	A\$166
PCB ug/1 (pph)	7500	6600	4500	9500	9800
Total Solids. 7 @ 103°C	77.69	72.96	71.21	71.24	82.26
Moisture. % @ 103°C	22.31	27.03	28.79	28.56	17.74
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PCB values are reported on as received basis.

UPERVISING ANALYST:

SAMPLE NO

P.O. BOX 935 • DOVER, DELAWARE 19901 • PHONE: (302) 697-2183 7/2 MILE WEST OF U.S. RT. 113 ON DEL. RT. 101

NVF Company P.O. Box 160

Kennett Square, PA 19348

Attn: Mr. Ed McDermot

COMM. NO. 6218-1 __ RECEIVED 9/22/83 _

SAMPLED ____ 9/22/83

SAMPLED BY R.K.W. of EHRA

LABORATORY ANALYSIS REPORT

SAMPLE DESCRIPTION

SAIVIF LE NO.		SAMIFLE DESC	RIPHON			
_AS167	Sample 6 - Grab at 12	20 hours				
AS168	Sample 7 - Grab at 12					
AS169	Sample 8 - Grab at 13					
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RESULTS	OF ANALYSES					
	<u> </u>	<u>AS167</u>	<u> AS168</u>	AS169		
	-					

RESULTS OF ANALYSES		AS167	AS168	AS169	
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SUPERVISING ANALYST:

R. Shah AR100779

ANALYSES CERTIFIED BY:

LABORATORY MANAGER

SAMPLE LOCATION OF GROUND AND WATER ANALYSIS REPORT (PCB'S)

SAMPLE 1A	Dirt sample at Northwest of P-22 (beside truck repair shop
	in ditch).

SAMPLE 2A Dirt sample at Northwest of P-22 along foundation of truck shop.

SAMPLE 3A Dirt sample North of truck repair shop and on hill.

SAMPLE 4A Well water from No. 7 Press.

SAMPLE 5A No. 7 Press pitt; Sludge, H2O, Oil, etc.

SAMPLE 6A H2O from man hole at Northeast end of P-24.

SAMPLE 7A H2O from fountain at shipping P-24.

EAM/tlp 11/14/83

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cc: S. W. Kovach

R. F. Bailey

W. Witt

J. Griffith

EUWAKU H. KICHAKUSUN ASSUCIATES, INC.

A TETRA TECH COMPANY

SAMPLE NO.

P.O. BOX 935 • DOVER, DELAWARE 19901 • PHONE; (302) 697-2183

NVF Company P.O. Box 160 Kennett Square, PA 19348

RECEIVED 10/11/83 SAMPLED BY R.K.W. of EHRA

Attn: Mr. Ed McDermot

LABORATORY ANALYSIS REPORT

SAMPLE DESCRIPTION

AS361								
RESULTS OF ANALYSES		AS3613300	_AS362 3600					
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Results reported on dry weight basis (103°C).

JPERVISING ANALYST:

Mine R. Sheh

ANALYSES CERTIFIED BY:

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ELIVVAKU M. KICMAKUSUN ASSUCIATES, INC.

A TETRA TECH COMPANY

P.O. BOX 935 • DOVER, DELAWARE 19901 • PHONE: (302) 697-2183 (1/4 MILE WEST OF U.S. RT. 113 ON DEL. RT. 10)

NVF Company P.O. Box 160 Kennett Square, PA 19348

Attn: Mr. Ed McDermot

COMM. NO. _6218-1

RECEIVED 10/11/83 _____

SAMPLED BY _R.K.W._of EHRA _____

LABORATORY ANALYSIS REPORT

SAMPLE NO.		SAMI	PLE DESCR	IPTION				
AS367	Drinking Water -	- Grab at 1130	hours					
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	S OF ANALYSES		AS367					
PCB, µg/1	(ppb)		<0.04_				:	
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Results reported on dry weight basis (103°C).

JUPERVISING ANALYST:

Mina R. Shah

ANALYSES CERTIFIED BY:

AR100782

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SAMPLE LOCATIONS OF SEDIMENT ANALYSIS REPORT (PCB'S)

- 1. Discharge at Northeast end of dention area.
- 2. Discharge at Northwest end of dention area.
- 3. Discharge at 001 before R/R tracks.
- 4. Discharge of 001 on the other side of R/R tracks.
- 5. 30 feet from basin, East and 10 feet from parking area.

EAM/tlp 11/8/83

CC: S. W. Kovach

R. F. Bailey

W. Witt

J. Griffith

DWARD H. RICHARDSON ASSOCIATES, INC.

THE MILE WEST OF U.S. RT. HEON DEEDED IN

REVISED COL

NVF Company P.O. Box 160

Kennett Square, PA 19348

COMM. NO RECEIVED

6218-1

SAMPLED

9/22/83 9/22/83

SAMPLED BY R.K.W. of EHRA

Attn: Mr. Ed McDermot

LABORATORY ANALYSIS REPORT

MPLE NO. SAMPLE DESCRIPTION AS162 Sample 1 - Grab at 1113 hours Sample 2 - Grab at 1122 hours AS163 AS164 Sample 3 - Grab at 1131 hours AS165 Sample 4 - Grab at 1143 hours AS166 Sample 5 - Grab at 1208 hours

RESULTS OF ANALYSES

Resocis G. Marcists	AS162	AS163	AS164	AS165	AS166
PCB, ug/l (ppb)	7500	6600 72.96	4500	9500	9800
Total Solids, % @ 103°C	77.6 9	72.96	71.21	71.24	82.26
Moisture, % @ 103°C	22.31	27.03	28.79	28.56	17.74

PCB values are reported on as received basis.

PERVISING ANALYST:

AS, ARTSES STREET HOUSEN.

Mine R. Shah